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60/405,421 23 August 2002 (23.08.2002) US(71) Applicant (*for all designated States except US*): SANG-AMO BIOSCIENCES, INC. [US/US]; Point Richmond Tech Center, Suite A100, 501 Canal Boulevard, Richmond, CA 94804 (US).

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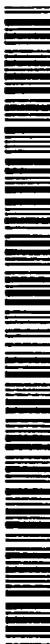
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



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(54) Title: HIGH-THROUGHPUT SCREEN FOR MODULATORS OF CHROMATIN MODIFYING ACTIVITY

(57) Abstract: Disclosed herein are compositions and method useful in screening a compound for its ability to modulate the activity of a chromatin modifying enzyme. These include fusions between a targeted DNA-binding domain and a chromatin modifying enzyme (or functional fragment thereof), polynucleotides encoding such fusions, and methods for their use.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/26334

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12N 15/00, 15/09; C07H 21/04
 US CL : 435/6, 69.1, 320.1; 536/23.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 435/6, 69.1, 320.1; 536/23.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US 6,479,626 B1 (KIM et al) 12 November 2002 (12.11.2002), see the entire patent, especially column 19-lines 49 to 58.	1-3
X, P	US 6,599,692 B1 (CASE et al) 29 July 2003 (29.07.2003), see the entire patent, especially column 24-lines 0 to 20.	1-3

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

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INTERNATIONAL SEARCH REPORT

PCT/US03/26334

C continuation of B. FIELDS SEARCHED Item 3:

EAST: USPAT, EPO, JPO, DERWENT, US PGPUBS STN: MEDLINE, EMBASE, BIOSIS, CAPLUS
search notes: inventor's name, assignment data, zinc finger, fusion protein, chromatin modifying enzymes